

Title (en)

Electrical insulation system based on poly (butylene terephthalate)

Title (de)

Elektrische Isolierungsanordnung auf Basis von Polybutylenterephthalat

Title (fr)

Système d'isolation électrique basé sur téréphthalate de polybutylène

Publication

EP 1775735 B1 20100526 (EN)

Application

EP 05405586 A 20051014

Priority

EP 05405586 A 20051014

Abstract (en)

[origin: EP1775735A1] Electrical insulation system based on poly(butylene terephthalate), optionally containing further additives, wherein said poly(butylene terephthalate) (i) has been obtained by polymerizing a cyclic low molecular weight oligomeric poly(butylene terephthalate) resin, contains (ii) at least one filler material or a mixture of such filler materials in an amount of up to 85% by weight, and (iii) at least one hydrophobic compound or a mixture of such compounds, preferably an organopolysiloxane, in an amount of 0.1% to 10% by weight, calculated to the weight of the insulation system; method of making said electrical insulation systems.

IPC 8 full level

H01B 3/42 (2006.01); **C08G 63/183** (2006.01)

CPC (source: EP US)

C08G 63/183 (2013.01 - EP US); **H01B 3/423** (2013.01 - EP US)

Cited by

EP2629305A1; WO2013124206A1

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DOCDB simple family (publication)

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EP 05405586 A 20051014; AT 05405586 T 20051014; CH 2006000554 W 20061009; CN 200680038072 A 20061009; DE 602005021498 T 20051014; US 10260008 A 20080414